



EXPLANATION

Recent

Quaternary

Wisconsin

Pre-Wisconsin

Glacial channels and lakes, and topographic swales

1 Glacial channels and shorelines of proglacial lakes. Dashed where approximately located.

2 Narrow and faint channels.

3 Topographic swales probably coinciding with buried valleys.

Glacial bars

Low parallel ridges most of which consist of till and locally outcrop former ice lobes. Some bars intersected by short crossbars. Maximum dimensions 2 miles long, 20 feet high, and several hundred feet across at base. Probably formed by retreating moraine.

Lake basins

Many basins occupied by permanent lakes, some saline. Others flooded only in wet seasons.

Notes

Less than 5 feet thick mantles most of region. Coluvium, including slope wash and landslide debris, not separately mapped.

A thin veneer of Wisconsin drift may cover pre-Wisconsin gravels.

Letters refer to names in list below

OTTER CREEK	DAGMAR	ZAHN	KERMIT	RIVAL
NO 3	NO 4	NO 3	NO 1	NO 2
W.B.	W.	L.H.	T.R.	T.J.P.

INDEX TO LARGE-SCALE GEOLOGIC MAPS

EXPLANATION

Letters refer to names in list below

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GLACIAL MAP OF NORTHEASTERN MONTANA AND NORTHWESTERN NORTH DAKOTA